

03560.001975

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#32

In re Application of:)	
ATSUSHI OHTANI ET AL.)	Examiner: Ngoc Yen T. Vu
Application No.: 08/878,581)	Group Art Unit: 2612
Filed: June 19, 1997)	
For: IMAGE SENSING APPARATUS)	May 12, 2003

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 12, 2003.

(Date of Deposit)

Justin D. Petruzzelli

(Name)


Signature

May 12, 2003

Date of Signature

The concise statements of relevance for the non-English documents are as follows.

In document 1-167766, it is mentioned that yellow and green LEDs are simultaneously lit in order to obtain a sufficient white/red contrast ratio.

Document 4-18849 describes lighting a light source which is different from a light source which is lit during the reading out of an image signal as a dummy in at least one or more light accumulating periods preceding reading out of the image signal in order to compensate for the delay of output voltage of a CCD image sensor.

In document 4-368055, it is mentioned that each LED, namely R, G, and B, are lit in order in performing color reading and each LED, R, G, and B are lit at the same time in performing black and white reading.

In document 6-181506, it is mentioned that the lighting time of each LED R, G, and B lit in order are independently set.

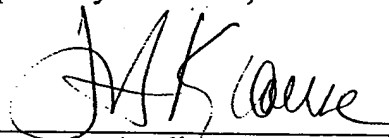
Applicants are in the process of preparing English translations of these references and will submit them as soon as possible.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "J. K. O'Neil", written over a horizontal line.

Attorney for Applicants

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FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)ATTY DOCKET NO.
03560.001975APPLICATION NO.
08/878,581APPLICANTS
ATSUSHI OHTANI ET AL.FILING DATE
June 19, 1997GROUP
2612

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
1-167766	11/27/89	Japan			No
6-181506	06/28/94	Japan			No
4-368055	12/21/92	Japan			No
4-18849	01/23/92	Japan			No

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1